

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/010857

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, Sequence Search, EMBASE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| X          | WO 03/082210 A (MIYAKAWA TSUYOSHI ;<br>KARAYIORGOU MARIA (US); MASSACHUSETTS INST<br>TECHNOL) 9 October 2003 (2003-10-09)<br>Gene targets, polymorphisms and methods<br>for the diagnosis and treatment of<br>schizophrenia<br>the whole document   | 1, 3,<br>8-20, 24     |
| X          | BAUGHMAN GAIL ET AL: "Tissue distribution<br>and abundance of human FKBP51, an<br>FK506-binding protein that can mediate<br>calcineurin inhibition"<br>BIOCHEMICAL AND BIOPHYSICAL RESEARCH<br>COMMUNICATIONS,<br>vol. 232, no. 2, 1997, pages 437-443,<br>XP002312737<br>ISSN: 0006-291X<br>the whole document | 1, 8-22,<br>24, 25    |

-/-



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but ~~not~~ understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

11 January 2005

Date of mailing of the international search report

27/01/2005

Name and mailing address of the ISA

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT |  |                       |
|--|--|-----------------------|
| Category *   | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
| X  | <p>DATABASE GENE BANK<br/>10 July 2001 (2001-07-10),<br/>ASHWELL R: "Homo sapiens chromosome 6<br/>clone RP11-282I23, 2 unordered pieces"<br/>XP002312801<br/>Database accession no. AL590962<br/>A 175989 bp human clone comprising SEQ ID<br/>No. 118<br/>abstract</p>   | 24                    |
| X  | <p>DATABASE GENE BANK<br/>10 July 2001 (2001-07-10),<br/>CLARK: "Homo sapiens chromosome 6 clone<br/>RP11-238F24, 3 unordered pieces"<br/>XP002312802<br/>Database accession no. AL512371<br/>A 159482 bp human clone comprising SEQ ID<br/>No. 118<br/>abstract</p>   | 24                    |
| A  | <p>YU Y W -Y ET AL: "Association study of<br/>the serotonin transporter promoter<br/>polymorphism and symptomatology and<br/>antidepressant response in major<br/>depressive disorders."<br/>MOLECULAR PSYCHIATRY,<br/>vol. 7, no. 10, 2002, pages 1115-1119,<br/>XP008041266<br/>ISSN: 1359-4184<br/>the whole document</p> |                       |
| A  | <p>TEARE J M ET AL: "Measurement of nucleic<br/>acid concentrations using the DyNA Quant<br/>and the GeneQuant"<br/>BIOTECHNIQUES,<br/>vol. 22, no. 6, 1997, pages 1170-1174,<br/>XP008041123<br/>ISSN: 0736-6205<br/>abstract</p>   |                       |
| P,A  | <p>WO 2004/039837 A (FIERENS FREDERIK LUCIEN<br/>PIETER ; GOEHLMANN HINRICH WILHELM HELM<br/>(BE);) 13 May 2004 (2004-05-13)<br/>Polynucleotides and polypeptides which can<br/>be used in the diagnosis and therapy of<br/>depression<br/>the whole document</p>  |                       |

**FURTHER INFORMATION CONTINUED FROM PCT/SA/ 210**

Continuation of Box II.1

Claims Nos.: 1-4,8-22 (all partially) 5-7,23,27,29 (all completely)

Claims 1-4 and 8-22 refer to methods which comprise a step carried out on the human or animal body, i.e. "analysing the nucleic acid of a sample taken from...". Consequently, said methods are not regarded as inventions (Rule 39.1(iv) PCT). The search of said claims has been carried for the subject-matter of said claims wherein the step carried out in the human/animal body has been excluded.

Claims 5-7, 23, 27 and 29 refer to methods of treatment. Said methods are not regarded as inventions (Rule 39.1(iv) PCT). No search has been carried out for the subject-matter of said claims

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## Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 1-4, 8-22 (all partially) 5-7, 23, 27, 29 (all completely)  
because they relate to subject matter not required to be searched by this Authority, namely:  
see FURTHER INFORMATION sheet PCT/ISA/210
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/010857

| Patent document<br>cited in search report |   | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
|---|---|---------------------|----------------------------|---------------------|
| WO 03082210                               | A | 09-10-2003          | WO 03082210 A2             | 09-10-2003          |
|   |   |                     | US 2004014095 A1           | 22-01-2004          |
| WO 2004039837                             | A | 13-05-2004          | WO 2004039837 A2           | 13-05-2004          |